



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.10.2005 Bulletin 2005/43

(51) Int Cl.7: **H04B 7/208, H04B 7/185**

(43) Date of publication A2:
02.10.2002 Bulletin 2002/40

(21) Application number: **02007266.6**

(22) Date of filing: **28.03.2002**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
 Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **28.03.2001 JP 2001093595**

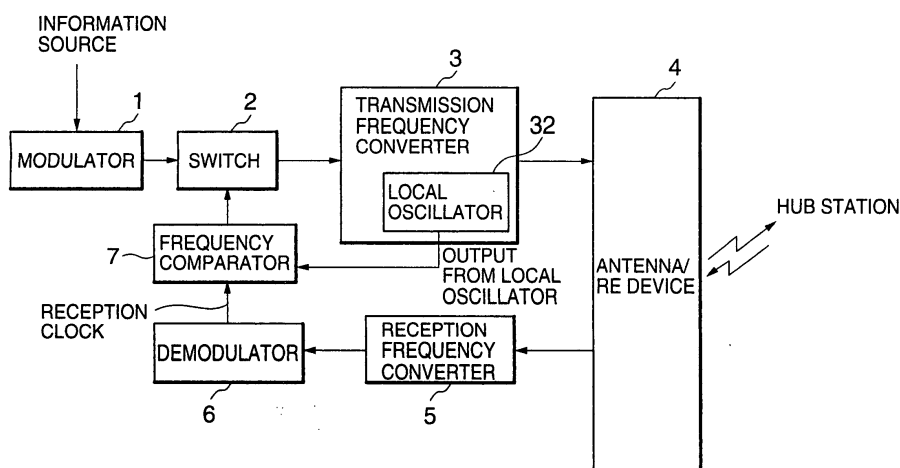
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(54) **Satellite communication transmission control system and small aperture terminal**

(57) A satellite communication transmission control system includes one central station, a plurality of small aperture terminals, and one communication satellite serving as a repeater for the central and aperture terminals. This system performs communication via a frequency division multiple access communication channel. The central station includes a modulator for transmitting via a common channel a signal for controlling/monitoring the small aperture terminals on the basis of a stable clock signal. Each aperture terminal includes a modulator, transmission frequency converter, antenna/RF device, reception frequency converter, demodulator,

and frequency comparator. The modulator modulates communication information. The transmission frequency converter frequency-converts a modulated wave from the modulator into a carrier signal (modulated carrier). The reception frequency converter frequency-converts the modulated carrier. The demodulator demodulates a signal received via the common channel and outputs a reception clock. The frequency comparator detects the frequency error of a local oscillator, and generates a control signal for stopping transmission of the modulated carrier until the frequency error falls within a preset tolerance range.

FIG.4





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 7266

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 September 2005	Examiner Larcinese, A
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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 00 7266

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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